FB 1.5	RECORDATION FOR	RM COVER SHEET		
TO THE ASSISTANT COMMISSI SIR: PLEASE RECORD THE ATRI	ONES OF PATENTS AND TRA	DEMARKS:	F. RECEIVE	22
1. NAME OF CONVEYING PART 1. Hironao YAMAGUCHI 3.		2. 4.	FEB 20 2 TECHNOLOGY LEA	171/ SAD3
5. 7.		6. 8.	1 Forms	
ADDITIONAL NAME(S) OF CON		:D?		
2. PARTY(IES) (ASSIGNEE(S)) F NAME: DENSO CORPORATION				
ADDRESS: 1-1, Showa-cho, Kari	ya-city, Aichi-pref., 448-8661 JA	APAN		
ADDITIONAL NAME(S) & ADDRI		⊠NO		
NATURE OF CONVEYANCE (Submit herewith only one document)	<u>cument</u> for recordation—multiple	copies of same Assignm	ent signed by differen	nt inventors is one
⊠ORIGINAL ☐CHANGE OF NAME	MHOLE □PART INTER □FACSIMILE/PHOTOCOPY □VERIFIED TRANSLATION	REST EXEC. D	PATE: June 1, 2001	
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4.5 APPL. NO.(S) OR PAT NO.(S			YES ⊠NO	WALLED BOOK
A PAT APP No.(S) M# Series code/serial no	if not in item 1	B. PATENT NO(S)	mercan in the table are the trial block as a first the	1**INVENTOR
5. Name & Address of Party to Concerning Document Should	Whom Correspondence	6. NUMBER INVOLV APPLNS 1 + PATS		1
Pillsbury Winthrop LLP Intellectual Property Group 1100 New York Avenue, NW		7. AMOUNT OF FEE ABOVE TOTAL x \$		81)
Ninth Floor Washington, DC 20005-3918				
5.5ATTY DKT:			DEPOSIT ACCOUNT	NUMBER: 03-3975
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Signatu Attorney: Paul T. Bowen	re	140 1101 1110 1110 1110		<u> </u>
Attorney: Paul T. Bowen Reg. No. 38009 Atty/Sec: PTB/mjb	TEL: (202) 964 2044	Date: June 13, 200		
LAMYSEC. FID/IIIJU	TEL: (202) 861-3014	FAX: (202) 8	44-U344	

FILE WITH PTO RETURN RECEIPT (PAT-103A)



Pillsbury Winthrop LLP Intellectual Property Group 1100 New York Avenue, NW Ninth Floor Washington, DC 20005-3918

USA Patent Appln.

	Inventions made o	utside USA
ex	ecuted with or after	application
		56600-US-AK/nh
	M#	Client Ref.

Sole or Joint

NONPROVISIONAL

ASSIGNMENT OF NONPROVISIONAL APPLICATION

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of

INSERT	(1) Hironao YAMAGUCHI	(2)	1
NAME(S) OF		(2	
INVENTOR(S)	(3)	(4	<u> </u>
MAEMIOK(2)	(5)	<u> </u>	x box if continued on page 2
the receipt and su and transfer(s) un	fficiency of which are hereby acknowledged to:	by the undersigned who at the	ne request of, hereby sell(s), assign(s)
INSERT	DENSO CORPORATION		
NAME(S) OF	1-1, Showa-cho, Kariya-city, Aichi-pref., 4	148-8661 Japan	
ASSIGNEE(S)			
& ADDRESS(ES)			:
		-tw-	
(hereinafter designated any and all divisions, co	"ASSIGNEE") the entire right, title and interest for the United S ntinuations, substitutes, and reissues thereof; and all resulting	States of America as defined in 35 U.S. patents, known as	C. 100, in the invention and all applications including
TITLE OF	TRANSFORMER DEVICE, HIGH-VOLT	AGF GENERATING APPAR	RATUS
INVENTION	HAVING THE SAME, AND LIGHTING S		
	TIAVING THE GAME, AND EIGHTING G	· ·	
	for which the undersigned executed an a	application for Letters Patents	s of the United States of America:
NATE > >	4A) 57		
NOTE → →	(A) ⊠ even date herewith		
(Complete	(B) ☐ on	file d	
line A, B and/or C	(C) in U.S. Appln. No/	filed	
hereinafter act on beha	AND the undersigned hereby agree(s) to testify and execute to ASSIGNEE'S full protection and title in and to the invention. The undersigned hereby authorize(s) Pillsbury Winthrop LLF	oresentatives; the undersigned agree(s) any papers for ASSIGNEE, its success on hereby transferred.	that the attorney of record in said application shall sors, assigns and legal representatives, deemed
	<u>ENTORS</u>	DATE SIGNED	WITNESSES
1):	Hironao Yamaguchi	June 1. 2001	Voshitaka Sati
Name: Hiro	nao YAMAGUCHI		
2)			
Name:			
3)	·		
Name:			
4)		· · · · · · · · · · · · · · · · · · ·	
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Ten 1	RECORDATION FO	RM COVER SHEET NS & PATENTS ONLY	production.		
TO THE ASSISTANT COMMISS SIR: PLEASE RECORD THE AT			OF FED 20 Louis	5,40, ₀	
1. NAME OF CONVEYING PAR	TY(IES) (ASSIGNORS(S)):		ULCUI CEIN		
1. Keiji TAKAHASHI		2. Toshinori MARUYAN	λA		
3. Makoto TANIGUCHI		4.			
5.		6.			
7. ADDITIONAL NAME(S) OF CON	IVEYING PARTY(IES) ATTACHE	8. ED? ∐YES ⊠NO			
2. PARTY(IES) (ASSIGNEE(S))	RECEIVING INTEREST:			. هم	
NAME: DENSO CORPORATION					
ADDRESS: 1-1 Showa-cho, Kar	iva_city Aichi_prof 448_8661 AI	DAN			
	<u> </u>			•	
ADDITIONAL NAME(S) & ADDR		⊠NO			
3. NATURE OF CONVEYANCE					
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		DECT EVEC I	DATE: May 31, 2001		
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CHANGE OF NAME	VERIFIED TRANSLATION				
SECURITY MERGER OTHER:					
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4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL:	SHEET(S) attached?	YES ⊠NO		
A. PAT. APP. NO.(S) M# series code/serial no.	if not in item 1.	B. PATENT NO(S)		150 NVENTOR If not in Item	
NEW APPLICATION 28117		,			
5. Name & Address of Party to		6. NUMBER INVOLV		_	
Concerning Document Shou	d be Mailed:	APPLNS 1 + PAT	S <u>0</u> = TOTAL	<u>1</u>	
Pillsbury Winthrop LLP		7. AMOUNT OF FEE	ENCLOSED: (Code 5	81)	
Intellectual Property Group		ABOVE TOTAL x \$			
1600 Tysons Boulevard					
McLean, VA 22102					
5.5ATTY DKT:		8. IF ABOVE FEE IS M			,,
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Date: June 21, 2001 FAX: (703) 905-2500 FILE WITH PTO RETURN RECEIPT (PAT-103A)

Signature

TEL: (703) 905-2020

Attorney: Paul T. Bowen
Reg. No. 38009
Atty/Sec: PTB/mjb

Pillsbury Winthrop LLP Intellectual Property Group 1100 New York Avenue, NW Ninth Floor Washington, DC 20005-3918

USA Patent Appln. Sole or Joint For Inventions made outside USA executed with or after application

Atty. Dkt. PW 56656

56656-US M# Client Ref.

COPY

NONPROVISIONAL

ASSIGNMENT OF NONPROVISIONAL APPLICATION

In the undersigned, to	consideration of the sum of Ten Dollars (\$10.0 wit:	0) and other good and valu	able consideration paid to each of
INSERT	(1) Keiji TAKAHASHI	(2)	Toshinori MARUYAMA
NAME(S) OF	(3) Makoto TANIGUCHI	(4)	
INVENTOR(S)	(5)		box if continued on page 2
the receipt and suffi and transfer(s) unto	ciency of which are hereby acknowledged by the	ne undersigned who at the	request of, hereby sell(s), assign(s)
INSERT			
NAME(S) OF	DENSO CORPORATION		
ASSIGNEE(S)	1-1 Showa-cho, Kariya-city		
& ADDRESS(ES)	Aichi-pref., 448-8661 Japan		
TITLE OF INVENTION NOTE -> ->	VOLTAGE REGULATOR OF VEH for which the undersigned executed an applic (A) ⊠ even date herewith		the United States of America:
(Complete line A, B and/or C)	(B)	filed	
said ASSIGNEE, for its inthereinafter act on behalf of A essential by ASSIGNEE to NOTE → Trecordation of this documents.	ND the undersigned hereby agree(s) to testify and execute any post of ASSIGNEE'S full protection and title in and to the invention here he undersigned hereby authorize(s) Pillsbury Winthrop LLP of the undersigned hereby authorize(s) Pillsbury Winthrop LLP of the undersigned hereby authorize(s)	ntatives; the undersigned agree(s) that papers for ASSIGNEE, its successors by transferred.	t the attorney of record in said application shall assigns and legal representatives, deemed
INVEN		DATE SIGNED	WITNESSES
1): Keij	TAKAHASHI	May/31/200/	Heroshi Ashida
Name: Kei	iji TAKAHASHI		
•	hinori Maruyama	May/31/2001	Hiroshi Sshida Hiroshi Sshida
	shinori MARUYAMA	•	
3) ma	choto Taniguchi	may /31/200/	Heroshi Schida
Name: Ma	koto TANIGUCHI		

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TO THE ASSISTANT COMMISS SIR: PLEASE RECORD THE ASS	IONER OF PATENTS AND TRA FACHED ORIGINAL DOCUMEN	DEMARKS: ITS OR COPY THER	EOF.	5-53
1. NAME OF CONVEYING PART	TY(IES) (ASSIGNORS(S)):		TECHNOLOGY I	ว วลิบีปี
1. Nakato MURATA		2. Yoshiki TAN 4.	TERMINILOUY 1	CENTER CO.
3. Tsutomu SHIGA 5.		4. 6.	1700	
7.		8.		. .
ADDITIONAL NAME(S) OF CON	IVEYING PARTY(IES) ATTACHE	D? □YES ⊠NO		
2. PARTY(IES) (ASSIGNEE(S)) NAME: DENSO CORPORATION			· · · · · · · · · · · · · · · · · · ·	
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ADDRESS: 1-1, Showa-cho, Kar	iya-city, Aichi-pref., 448-8661 JA	PAN		
ADDITIONAL NAME(S) & ADDR		⊠no		
3. NATURE OF CONVEYANCE	<u>(DOCUMENT):</u> <u>cument</u> for recordation—multiple	conies of same Assid	nment signed by differ	ent inventors is one
document)	cament for recordation—mattiple	copies of same Assig	fillione signed by differ	CIR III VCIROIS IS ONE
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4.5 APPL. NO.(S) OR PAT NO.(☐YES ⊠NO	
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series code/serial no	If not in item 1			if not in item 1
NEW APPLICATION 02827 5. Name & Address of Party to V		6. NUMBER INVO	I VED:	<u> </u>
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Pillsbury Winthrop LLP			E ENCLOSED: (Code	581)
Intellectual Property Group		ABOVE TOTAL	c \$40 = \$40	
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McLean, VA 22102				
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Attorney: Paul T. Bowen			004	
Reg. No. 38009 Atty/Sec: PTB/tel	TEL: (703) 905-2020	_ Date: <u>July 26, 20</u>	905-2500	
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FILE WITH PTO RETURN RECEIPT (PAT-103A)

Pillsbury Winthrop LLP 1600 Tysons Boulevard McLean VA 22102

executed with or after application Atty. Dkt. PW

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USA Patent Appln. Sole or Joint

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ASSIGNMENT OF NONPROVISIONAL APPLICATION

		<u>OF NONPRO</u>	VISIONA	AL APPLICATION	
the undersign		consideration of the sum of Ten Dolla vit:	ars (\$10.00) and other good and va	luable consideration paid to each of
INSERT	ſ	(1) Nakato Murata	······································	(2)	Yoshiki Tan
NAME(S) OF	Ì	(3) Tsutomu Shiga		.(4)	
INVENTOR(S)) [(5)		Ĺ	x box if continued on page 2
the receipt ar and transfer(s		iency of which are hereby acknowled	dged by the	undersigned who at the	e request of, hereby sell(s), assign(s)
INSERT					
NAME(S) OF	-	DENSO CORPORATION		·	
ASSIGNEE(S))	1-1, SHOWA-CHO, KARIYA-CITY,	AICHI-PR	EF., 448-8661 JAPAN	
& ADDRESS((ES)				
	-			_+	
		SIGNEE") the entire right, title and interest for the lations, substitutes, and reissues thereof; and all i			c. 100, in the invention and all applications including
TITLE OF INVENTION		BRUSH-LESS ROTARY ELECTRIC	C MACHINI	E HAVING STATOR CO	OLING ARRANGEMENT
NOTE → →		for which the undersigned executed (A) \(\sum \) even date herewith	d an applica	ation for Letters Patents	of the United States of America:
(Complete line A, B and/	(or C)	(B)	1	filed	
said ASSIGNEE, thereinafter act on	ANI for its inter n behalf of ANI IGNEE to A The	D the undersigned hereby authorize(s) and reque est as ASSIGNEE, its successors, assigns and le said ASSIGNEE; D the undersigned hereby agree(s) to testify and essIGNEE'S full protection and title in and to the its undersigned hereby authorize(s) Pillsbury Winth	egals represent execute any pa invention hereb	I States Commissioner of Patents atives; the undersigned agree(s) pers for ASSIGNEE, its successory transferred.	s and Trademarks to issue said Letters Patent to the that the attorney of record in said application shall ors, assigns and legal representatives, deemed my further identification necessary or desirable for
ı	INVENT	ORS		DATE SIGNED	WITNESSES 0 0 0 1
1):		Makato murata		July . 12. 2001	Hroshi Vahida
_	Nakato			July 12, 2001	, , , , , , , , , , , , , , , , , , , ,
Name:	Yoshiki	Tan Sentomy Sh	ioa	July 13.209	Heroshi Ashida
Name:	Tsutom	u Shiga			
Name:					
5)					

Name:

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	RECORDATION FOR	NS & PATENTS ONL	Y RECEIVED	
TO THE ASSISTANT COMMISS	SIONER OF PATENTS AND TRA MACHED ORIGINAL DOCUMEN	TS OR COPY THER	FOF - ON TOTAL	
1. NAME OF CONVEYING PAR	TY(IES) (ASSIGNORS(S)):		LECHICLERY CENTER	⁴ 2900
1. Masami NIIMI		2. Hideki ICHIKAWA	FUT WOLDOY GLISTER	
3. Masahiro KATOH			IEO	
<u>5</u> .		6.		
7.	" (E) (INC DART) ((EQ) ATTACHE	8.		
ADDITIONAL NAME(S) OF COM		EDY MAES MINO		
2. PARTY(IES) (ASSIGNEE(S))				
NAME: DENSO CORPORATION	N			
ADDRESS: 1-1, Showa-cho, Ka	riya-city, Aichi-pref., 448-8661 JAI	PAN		
ADDITIONAL NAME(S) & ADDR	RESS(ES) ATTACHED? YES	⊠no		
3. NATURE OF CONVEYANCE	<u>= (DOCUMENT):</u> ocument for recordation—multiple	conies of same Assis	inment signed by differe	nt inventors is one
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☐SECURITY ☐ MERGER	OTHER:	<u> </u>		
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ASSIGNMENT DIFFER SEE AT	TY!) (1) June 5, 2001; (2) June	11, 2001; (3) June 6,	2001	
4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL S	SHEET(S) attached?		
A. PAT. APP. NO.(S) M#	1ª INVENTOR	B. PATENT NO(S)	M#	1st INVENTOR
series code/serial no	if not in item 1			if not in item 1
NEW APPLICATION 02815				
5. Name & Address of Party to		6. NUMBER INVO		4
Concerning Document Should	ld be Mailed:	APPLNS <u>1</u> + P	ATS 0 = TOTAL	<u>1</u>
Pillsbury Winthrop LLP	•	7. AMOUNT OF FE	E ENCLOSED: (Code 5	i81)
Intellectual Property Group		ABOVE TOTAL		
1600 Tysons Boulevard				
McLean, VA 22102				,
5.5ATTY DKT:			S MISSING OR INADEQUA TO DEPOSIT ACCOUNT!	
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Attorney: Paul T. Bowen		•		
Reg. No. 38009		Date: August 1,		
Atty/Sec: PTB/tel	TEL: (703) 905-2020	FAX: (703	905-2500	

FILE WITH PTO RETURN RECEIPT (PAT-103A)

Pillsbury Winthrop LLP

Intellectual Property Group 1100 New York Avenue, NW Ninth Floor Washington, DC 20005-3918 USA Patent Appln. Sole or Joint

For Inventions made	outside USA
executed with or after	application
Atty. Dkt. PW	57168-US- MRB/nh
	MRB/nh
NA#	Client Ref

NONPROVISIONAL

ASSIGNMENT OF NONPROVISIONAL APPLICATION

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:					
INSERT		(1) Masami NIIMI	(2)	Hideki ICHIKAWA	
NAME(S) OI	E .	(3) Masahiro KATOH	(4)	Indention to the Aria	
INVENTOR((5)		x box if continued on page 2	
HATE HOLD	(3)	(9)		A DOX II COMunica on page 2	
the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(and transfer(s) unto:					
INSERT	ERT DENSO CORPORATION				
NAME(S) O	F ·	1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8	3661 Japan		
ASSIGNEE		T the character of the			
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(hereinafter des any and all divi	signated *AS sions, contin	SIGNEE") the entire right, title and interest for the United States uations, substitutes, and reissues thereof; and all resulting paten	of America as defined in 35 U.S.C. ts, known as	100, in the invention and all applications including	
TITLE OF	1	METHOD OF FABRICATING BRUSHES			
NOTE → →					
(Complete	dier C\	(B) on	filed		
line A, B an	id/or C)	(C) in U.S. Appln. No.	med _	<u> </u>	
AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legals representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE; AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred. NOTE The undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.					
	INVEN	rors	DATE SIGNED	WITNESSES	
1):		Masami Niimi	hunes, 2001	Shini Usani	
Name:	Masan	i NIIMI	7	10 0 0	
2)		Hideki Tilitawa	Jane 11, 2001	Kenji Ogishima	
Name:	Hideki	ICHIKAWA			
3)		Masahiro Katoh	June 6, 2001	Shini 1/592	
Name:	Masah	ro KATOH			
4)					
Name:					
5)	٠				
Name:					

DO NOT USE FOR TRADEMARKS BOX ASSIGNMENTS FEB 1 5 2002 RECORDATION FORM COVER SHEET PATENT APPLICATIONS & PATENTS ONLY TO THE ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS: SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF. 1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)): TECHNOLOGY CENTER 2900 2. 1. Tadatoshi ASADA 4. 3. 6. 5. 7. 8. ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐YES ☒NO 2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST: NAME: DENSO CORPORATION ADDRESS: 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661, Japan ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☐YES ☐NO 3. NATURE OF CONVEYANCE (DOCUMENT): (Submit herewith only one document for recordation-multiple copies of same Assignment signed by different inventors is one document) EXEC. DATE: July 2, 2001 **MASSIGNMENT OF ⊠WHOLE** PART INTEREST FACSIMILE/PHOTOCOPY **⊠ORIGINAL** TCHANGE OF NAME **VERIFIED TRANSLATION** ☐ SECURITY ☐ MERGER OTHER: EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) July 2, 2001 4.5 APPL, NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES NO 1ª INVENTOR 1# INVENTOR B. PATENT NO(S) М# A. PAT. APP. NO.(S) M# if not in item 1 series code/serial no if not in item 1 NEW APPLICATION 0282680 NUMBER INVOLVED: 5. Name & Address of Party to Whom Correspondence APPLNS 1 + PATS 0 = TOTAL Concerning Document Should be Mailed: 1 7. AMOUNT OF FEE ENCLOSED: (Code 581) Pillsbury Winthrop LLP ABOVE TOTAL x \$40 = \$40**Intellectual Property Group** 1600 Tysons Boulevard McLean, VA 22102 8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE 5.5 ATTY DKT: INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975 UNDER ORDER NO 030954 0282680 P 0282680 57174-US-SuS/nh dup, sheet not required CLIENT NO. MATTER NO. MATTER NO. CLIENT REF.

Signature

Paul T. Bowen 38009

Reg. No.

Atty/Sec: PTB/tel TEL: (703) 905-2020 10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)

August 7, 2001 Date: FAX: (703) 905-2500

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Attorney:





Pillsbury Winthrop LLP

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Intellectual Property Group 1100 New York Avenue, NW Ninth Floor Washington, DC 20005-3918 For Inventions made outside USA executed with or after application 57174-US-

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	ASSIGNMENT		
9	OF NONPROVISIONAL APPLICATION		

USA Patent Appln.

Sole or Joint

the undersigned, (In consideration of the sum of Ten Dollars (\$1 o wit:	0.00) and other good and val	uable consideration paid to each of	
INSERT NAME(S) OF INVENTOR(S)	(1) Tadatoshi ASADA (3) (5)	(2) (4)	x box if continued on page 2	
the receipt and su and transfer(s) un	fficiency of which are hereby acknowledged b	y the undersigned who at the	e request of, hereby sell(s), assign(s)	
INSERT NAME(S) OF ASSIGNEE(S) & ADDRESS(ES)	DENSO CORPORATION 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan			
(hereinafter designated any and all divisions, co	ASSIGNEE") the entire right, title and interest for the United Sintinuations, substitutes, and reissues thereof, and all resulting	ates of America as defined in 35 U.S.C. patents, known as	100, in the invention and all applications including	
TITLE OF INVENTION	VOLTAGE REGULATOR OF VEHICLE	AC GENERATOR		
NOTE → → (Complete	for which the undersigned executed an ap (A) even date herewith (B) on	plication for Letters Patents	of the United States of America:	
line A, B and/or C	· · · =	filed		
hereinafter act on beha	AND the undersigned hereby agree(s) to testify and execute a to ASSIGNEE'S full protection and title in and to the invention The undersigned hereby authorize(s) Pillsbury Winthrop LLP of the content of the undersigned hereby authorize(s) Pillsbury Winthrop LLP of the undersigned hereby with the undersigned hereby authorize(s) Pillsbury Winthrop Winthro	esentatives; the undersigned agree(s) the successor that successor the successor tha	nat the attorney of record in said application shall rs, assigns and legal representatives, deemed	
1): <u>Ta</u>	Atoshi Asada Itoshi ASADA	DATE SIGNED July 2, 200/	MITNESSES Phroshi Ishida	

OIPE JC	
BOX ASSIGNMENTS	DO NOT USE FOR TRADEMARKS
FEB 1 5 2007 E RECORDATION FO	
TO THE ASSISTANT COMMISSIONER OF PATENTS AND TRA	ADEMARKS:
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMEN	NTS OR COPY THEREOF. FED 20 2002
1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):	2. Masayoshi FUJITA TECHNOLOGY CENTER 2808
1. Naoto IWATA	2. Masayoshi FUJITA 4. Yoshiaki MIZUNO
3. Masahiko NATUME 5. Nobuhiko NAGAI	6. Mitsutoshi MiYAZAKI
7. Kunihiro KODAMA	8. Toshiji KONDOU
ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACH	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:	
NAME: Denso Corporation	
ADDRESS: 1-1, Showa-cho, Kariya-city, Aichi-pref. 448-0029 JA	PAN .
ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES	S 🖂 NO
3. NATURE OF CONVEYANCE (DOCUMENT):	
	e copies of same Assignment signed by different inventors is one
document)	
	EREST EXEC. DATE: 27 and 28 May 1998
☐ORIGINAL ☐FACSIMILE/PHOTOCOPY ☐CHANGE OF NAME ☐VERIFIED TRANSLATION	
SECURITY MERGER OTHER:	
EXECUTION DATE(S) ON THE DECLARATION IF FILED HER	FWITH: (NOTE: IF DATES ON DECLARATION AND
ASSIGNMENT DIFFER SEE ATTY!)	
4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL	. SHEET(S) attached? ☐YES ☒NO
A PAT APP NO.(S) M# 1st INVENTOR	B, PATENT NO(S) M# 19 INVENTOR
series code/serial no if not in item 1	if not in item 1
Div. of 09/092,646 281099	
5. Name & Address of Party to Whom Correspondence	6. NUMBER INVOLVED:
Concerning Document Should be Mailed:	APPLNS
Pillsbury Winthrop LLP	7. AMOUNT OF FEE ENCLOSED: (Code 581)
Intellectual Property Group	ABOVE TOTAL x \$40 = \$40
1600 Tysons Boulevard	
McLean, VA 22102	
5.5ATTY DKT:	8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE
	INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975
P 281099 U3-9812-YK-B	UNDER ORDER NO 60388 281099
MATTER NO. CLIENT REF.	dup. sheet not required CLIENT NO. MATTER NO.
9.	
1	10. Total number of pages <u>including</u> this
OHEN O	cover sheet, attachments and document 3
	(do not file dup. Cover sheet)
Signature O	
Attorney: Kenneth M. Fagin	Date: July 13, 2001
Reg. No. 37,615 Atty/Sec: KMF/mll TEL: (703) 905-2066	FAX: (703) 905-2500
/ My/OCO. 1391/11111 1EE. (100) 500-2000	1704 (700) 000 2000

TEL: (703) 905-2066 FAX: (703) 905-256
FILE WITH PTO RETURN RECEIPT (PAT-103A)

Please return signed/recorded to: Cushman Darby & Cushman Intellectual Property Group of Pillsbury Madison & Sutro LLP Ninth Floor, East Tower 1100 New York Avenue, N.W. Washington, D.C. 20005-3918



IF ADDITIONAL INVENTORS, check box | x and continue on page 2.

USA Patent Appln. Sole or Joint



For Inventions made outside USA executed with or after application

NW	Client Ref.

NONPROVISIONAL

ASSIGNMENT OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit: (4)Yoshiaki MIZUNO (1)Naoto IWATA INSERT NAME(S) OF (2)(5)Masayoshi FUJITA Nobuhiko NAGAI INVENTOR(S) (3) Masahiko NATUME [x] x box if continued on page 2 the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s). assign(s) and transfer(s) unto: DENSO CORPORATION INSERT NAME(S) OF ASSIGNEE(S) of 1-1, Showa-cho, Kariya-city, Aichi-pref. 448-0029 Japan & ADDRESS(ES) (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof, and all resulting patents, known as TITLE OF INVENTION IMPROVED METHOD FOR MACHINING SLOTS IN MOLDING DIE for which the undersigned executed an application for Letters Patent of the United States of America: X even date herewith <u>NOTE</u> → → (A) (Complete (B) on line A, B and/or C) 28 1998 May 27 and filed in U.S. Appln. No. AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legals representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE; AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE -- The undersigned hereby authorize(s) Cushman Darby & Cushman Intellectual Property Group of Pillsbury Madison & Sutro, of the above address to insert hereon any further identification necessary or desirable for recordation of this document. DATE SIGNED INVENTOR(S) Maoto Lwata 1) Naoto Iwata Name: 2) Fuiita Masavoshi Name: natume 3) sahiko Masahiko Natume Name: 4) Yoshiaki Mizuno Name: 5) Nobuhiko Nagai Name:

ASSIGNMENT (Continued from page 1)

LISTING OF ADDITIONAL INVENTORS

INSERT NAME(S) OF INVENTOR(S)

		(11)
(6)	Mitsutoshi MIYAZAKI	
	Kunihiro KODAMA	(12)
(7)		(13)
(8)	Toshiji KONDOU	
(9)		(14)
		(15)
(10)		

SIGNATURES OF ADDITIONAL INVENTORS/WITNESSES/DATES SIGNED

6) Name: 7) Name:	Mitsutoshi Miyazaki Mitsutoshi Miyazaki Kunihiro Kodama Kunihiro Kodama	27- May-98 27- May-98 28- May-98	MINESSES Idisashi Kayano Misashi Kayano Keiji Sahai
8) Name:	Joshin: Kondou Toshiji Kondou	<u> </u>	•
9) Name:		:	
10) Name:			
11) Name:			
12) Name:			
13) Name:			
14) Name:	·	<u> </u>	
15) Name:			

BOX ASSIGNMENTS DO NOT USE FOR TRADEMARKS RECORDATION FORM COVER SHEET PATENT APPLICATIONS & PATENTS ONLY TO THE ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS: SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF 1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)): TECHNOLOGY CELLER 2800 1. Shigenobu NAKAMURA 2. 3. 4. 5. 6. 7. 8. ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐YES ☒NO 2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST: NAME: DENSO CORPORATION ADDRESS: 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 JAPAN ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☐YES ☒NO 3. NATURE OF CONVEYANCE (DOCUMENT): (Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document) **MASSIGNMENT OF ⊠WHOLE** PART INTEREST EXEC. DATE: August 30, 2001 ⊠ ORIGINAL FACSIMILE/PHOTOCOPY **TVERIFIED TRANSLATION** CHANGE OF NAME SECURITY MERGER OTHER: EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) August 30, 2001 4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES NO A. PAT. APP. NO.(S) 1# INVENTOR M# B. PATENT NO(S) M# 1ª INVENTOR series code/serial no if not in item 1 10.0 if not in item 1 281269 09/873.410 5. Name & Address of Party to Whom Correspondence NUMBER INVOLVED: Concerning Document Should be Mailed: APPLNS $\underline{1} + PATS \underline{0} = TOTAL =$ 1 Pillsbury Winthrop LLP 7. AMOUNT OF FEE ENCLOSED: (Code 581) Intellectual Property Group ABOVE TOTAL x \$40 = \$401600 Tysons BoulevardMcLean, VA 22102 Tel: (703) 905-2000 5.5ATTY DKT: 8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975 P 281269 56021/US-SuS-nh UNDER ORDER NO 30954 281269 dup, sheet not required MATTER NO. CLIENT REF. CLIENT NO. MATTER NO. 9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. 10. Total number of pages including this cover sheet, attachments and document 2 (do not file dup. Cover sheet)

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Date:

October 1, 2001

FAX: (703) 905-2500

Attornev:

Rea. No.

Atty/Sec: PTB/vaw

Signature

TEL: (703) 905-2020

Paul T. Bowen

38009

Pillsbury Winthrop LLP

1600 Tysons Boulevard McLean, Virginia 22102

For Inventions made outside USA executed with or after application Atty. Dkt. PW

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М#

Client Ref.

NON	NPR	OV	SIO	NAL
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ASSIGNMENT OF NONPROVISIONAL APPLICATION

USA Patent Appin.

Sole or Joint

In the undersigned, to	consideration of the sum of Ten Dollars (\$10.00)) and other good and valua	able consideration paid to each of
tio allaoroignou, to		•	•
INSERT	(1) Shigenobu NAKAMURA	(2)	
NAME(S) OF	(3)	(4)	
INVENTOR(S)	(5)	x	box if continued on page 2
and transfer(s) unto	DENSO CORPORATION	_	equest of, hereby sell(s), assign(s)
NAME(S) OF	1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8	3661 Japan	··
ASSIGNEE(S)			
& ADDRESS(ES)		· · · · · · · · · · · · · · · · · · ·	
	<u> </u>	· · · · · · · · · · · · · · · · · · ·	
	SSIGNEE*) the entire right, title and interest for the United States nuations, substitutes, and reissues thereof, and all resulting paten		00, in the invention and all applications including
TITLE OF INVENTION	BRUSHLESS AC GENERATOR		
	for which the undersigned executed an applic	ation for Letters Patents of	the United States of America:
NOTE → → (Complete	(A) ☐ even date herewith (B) ☑ on June 5, 2001		
line A, B and/or C)	(C) in U.S. Appln. No.	filed	
said ASSIGNEE, for its int hereinafter act on behalf of A essential by ASSIGNEE to	ND the undersigned hereby agree(s) to testify and execute any po a ASSIGNEE'S full protection and title in and to the invention here the undersigned hereby authorize(s) Pillsbury Winthrop LLP of the	tatives; the undersigned agree(s) that apers for ASSIGNEE, its successors, by transferred.	the attorney of record in said application shall assigns and legal representatives, deemed
1):	ITORS Shigerobu Nahamura	DATE SIGNED August 30, 2001	WITNESSES Herroshi Ishida
_	nobu NAKAMURA	U	•
2)			
Name:			
3)			
Name:			
4)			
Name:			
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Name:			